Adding Canadian Shield DNS Protection (Windows)

Before you proceed...

1. If you set-up CIRA Canadian Shield on your router/gateway then the whole network is protected and you will not need to set-up individual devices.
2. It's free! But please still take the time to review and understand the terms and conditions and privacy policy.
3. Before changing your DNS settings **write down your existing IP addresses** in case you need to go back. Go to the bottom of this page to see if you have configured it correctly.

Once you are done, you can go here to test your configuration.

A summary of DNS resolver addresses can be found here.

Instructions:

For Windows operating systems, configure DNS settings in the TCP/IP Properties window for the appropriate network connection.

1. From the **Start** menu, click on the **Control Panel**.

2. Click **Network and Internet** >**Network and Sharing Center** > **Change adapter settings**.

3. Click **Change adapter settings**.

4. Right click on the network for which you would like to configure Canadian Shield.

5. Select **Properties**.

6. Do one of the following:

a. Select **Internet Protocol Version 4**.
b. Select **Internet Protocol Version 6**.

7. Click **Properties**.

8. Click **Use the following DNS server address**.

Note: If you have not already noted down the existing DNS server IP addresses, make note of them.

9. Replace the existing DNS addresses with one of the following (depending on the level of service you want to use):

a. For **Private**, add the following:

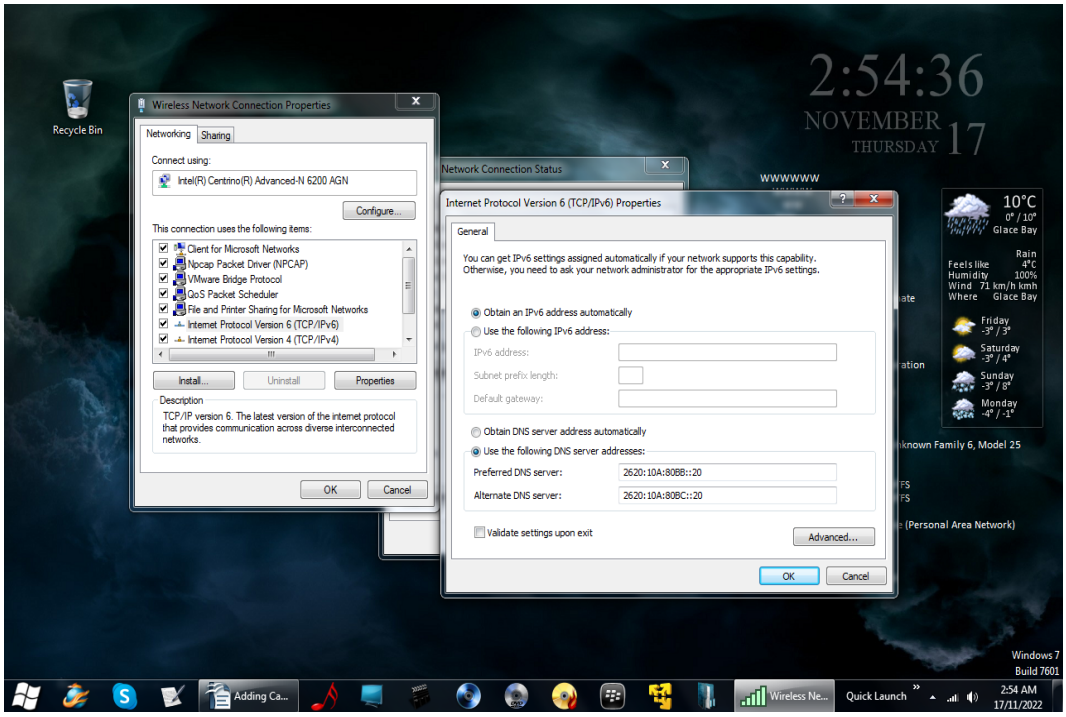
i. For IPv4, enter: 149.112.121.10 and 149.112.122.10

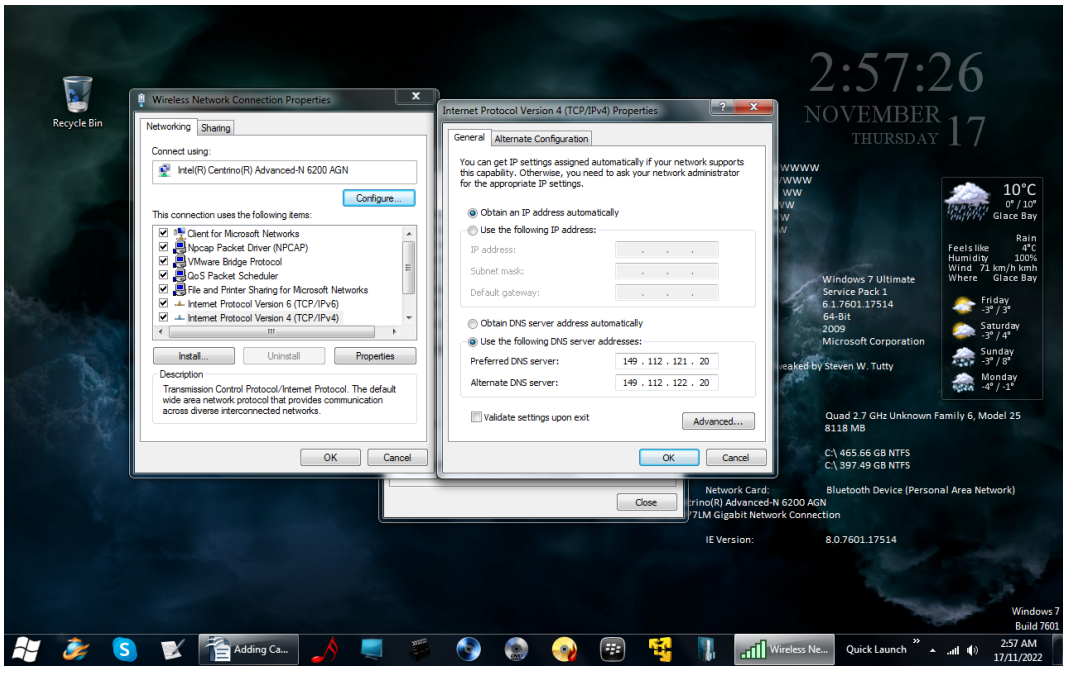
ii. For IPv6, enter: 2620:10A:80BB::10 and 2620:10A:80BC::10

b. For **Protected**, add the following:

i. For IPv4, enter: 149.112.121.20 and 149.112.122.20

ii. For IPv6, enter: 2620:10A:80BB::20 and 2620:10A:80BC::20





c. For **Family**, add the following:

i. For IPv4, enter: 149.112.121.30 and 149.112.122.30

ii. For IPv6, enter: 2620:10A:80BB::30 and 2620:10A:80BC::30

10. Click **OK**.

11. Click **Close** to save your settings.

12. Restart your browser.

You are ready to go – your device is now using CIRA Canadian Shield.